Sep-25-06

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Attorney's Docket No. 4906P114

SEP 2 5 2006
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Michael McClary, et al.	Examiner: Nitin Patel
Serial No. 10/602,461) Art Group: 2116
Filed: June 23, 2003)
For: Repeated Switching of a Cross- Connect and a Timing Source in a Network Element Through the Use of a Phase Adjuster))))
	

Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT OF ATTESTATION UNDER 37 C.F.R. §1.8 (b)(3)

I, Melissa Stead, under the	penalty of perjury,	declare that I personally mailed the
Amendment and Response to Offi	ce Action in the abo	ve-mentioned Application on March 22,
2006 by first-class U.S. mail.		V-1
Date: 9-25-06	Melin	Shel_
	Melissa Stead	

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Melissa Stead

Sep-25-06 02:50pm From-B S T Z

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BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

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INTELLECTUAL PROPERTY LAW 12400 WILSHIRE BOULEVARD, 7TH FLOOR LOS ANGELES, CA 90025 FACSIMILE: (310) 820-5988

(310) 820-5720

FACSIMILE COVER SHEET

Application No.: 10/602,461 Enclosed are the following documents:	Filing Date: 6/23/2003 Docket Due Date(s):
Application:	Notice of Appeal Petition for:

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9/25/2006

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SEP 2 5 2006

		Application No.	10/602,461			
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Filing Date	June 23, 2003			
		First Named Inventor				
		Art Unit	2116			
		Examiner Name	Nitin Patel			
Total Number of Pages In This Submission	n 7	Attorney Docket Number	4906P114			
ENCLOSURES (check all that apply)						
Fae Transmittal Form	Drawing(6		After Allowance Communication to TC			
Fee Attached	Licensing-	related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment / Response	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final Affidavits/declaration(\$)		Convert a Il Application	Proprietary Information			
Extension of Time Request	Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s)		Status Letter Other Enclosure(s) (please identify below):			
Express Abandonment Request			Request for Original Filing Date			
Information Disclosure Statement PTO/SB/08			Under 37 C.F.R. 1.8(b); Statement of Attestation under 37 C.F.R. 1.8 (b)(3); Previously filed fee transmittal; Previously filed			
Certified Copy of Priority Document(s)	Land	scape Table on CD	Amendment and Response to Office Action			
Response to Missing Parts/ Incomplete Application Basic Filing Fee	Remarks					
Declaration/POA Response to Missing						
Response to Missing Parts under 37 CFR 1.52 or 1.53						
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Firm Jonathan S. Miller, Reg. No. 48,534 or Individual name BLAKELY/SOKOLOFE/TAYLOR & ZAFMAN LLP						
Signature John Phili						
Date 9/25/06						
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Typed or printed name Melissa St			25 3006			
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realing (Philoty)	,~, Jon		Viller	-7/	[Allemey/Agent)	70,007	 	125/190

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokoff, Taylor & Zalmun (wir) 12/15/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1459

Signature

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Attorney's Docket No. 4906P114

Mail Stop Fee Amendment Commissioner for Patents I'.O. Box 1450 Alexandria, VA 22313-1450

REQUEST FOR ORIGINAL FILING DATE UNDER 37 C.F.R. § 1.8 (b)

This resubmission is to request the original mailing date of the Amendment and Response to Office Action, mailed March 22, 2006 under 37 C.F.R. § 1.8 (b). Enclosed is a copy of the Amendment and Response to Office Action, as filed, including a certificate of mailing. Also enclosed is the fee transmittal that accompanied the response when filed.

A return postcard has not been received and no indication of a receipt of the response was found in the PAIR system. Please find attached a Statement of Attestation under 37 C.F.R. § 1.8(b)(3) from the individual responsible for mailing the above mentioned document and who signed the original certificate of mailing.

Please charge all the appropriate fees to Deposit Account No. 02-2666. A copy of the Fee Transmittal is enclosed for deposit account charging purposes.

If you have any questions please contact me at (310) 500-4767.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: <u>9/26</u>, 2006

Reg. No. 48,534

CERTIFICATE OF FACSIMILE TRANSMISSION

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Melissa Stead

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Date

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Name (Pinut	ype) Jon:	athan S.	Miller		Registration No. (Attorney/Agent)	48,534	Telephane	(310) 207-3800

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PATENT

SEP 2 5 2006 Attorney's Docket No. 4906P114

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ln re Application of:)
Michael McClary, et al.	Examiner: Lee C. Thomas
Serial No. 10/602,461) Art Group: 2115
Filed: June 23, 2003	{
For: Repeated Switching of a Cross- Connect and a Timing Source in a Network Element Through the Use of a Phase Adjuster))))

Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Amendment and Response to Office Action

In response to the Office Action mailed February 1, 2006, in connection with the above referenced patent application, Applicants respectfully request reconsideration in view of the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of the paper.

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Canceled)
- 2. (Currently Amended) A method comprising: storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal; framing data being outputted from the primary and the secondary memory; and adjusting the primary clock signal to adjust [the] an occupancy of the primary memory.
- (Previously Presented) The method of claim 2, further comprising:
 generating a signal indicating that a phase adjustment of the primary clock signal is
 needed.
- (Previously Presented) The method of claim 2, further comprising:
 calibrating a phase adjuster for the primary clock signal.
- 5. (Previously Presented) The method of claim 2, further comprising: calculating a delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.
- 6. (Previously Presented) The method of claim 2, wherein the primary memory is a memory that is currently in use for transmitting a frame, and wherein the secondary memory is a memory that is not in use for transmitting a frame.
- 7. (Previously Presented) The method of claim 2, further comprising:

adjusting the primary clock signal to adjust the occupancy of an egress memory.

- 8. (Currently Amended) A[n] device comprising:
 - a primary memory;
 - a secondary memory; and
- a clock control logic circuit coupled to the primary memory and secondary memory to adjust a primary clock signal to <u>synchronize</u> adjust an occupancy of the primary memory and the secondary memory.
- 9. (Previously Presented) The device of claim 8, further comprising: a primary deframer coupled to the primary memory; and a secondary deframer coupled to the secondary memory.
- 10. (Previously Presented) The device of claim 8, wherein the clock control logic comprises:
 a phase adjuster;
 cycle control logic coupled to the phase adjuster; and
 step pulse generator logic coupled to the cycle control logic.
- 11. (Currently Amended) The device of claim [8]10, wherein the phase adjuster comprises: a set of delay cells to alter the phase of a primary clock signal.
- 12. (Currently Amended) An apparatus comprising:
 - a primary control card;
 - a secondary control card; and
- a traffic card coupled to the primary control card and secondary control card, the traffic card having a clock control logic circuit coupled to a primary memory and secondary memory to

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adjust a primary clock signal to adjust synchronize the an occupancy of the primary memory and the secondary memory.

- (Previously Presented) The apparatus of claim 12, wherein the primary control card is in 13. use and the secondary control card is a back up card.
- (Previously Presented) The device of claim 12, further comprising: 14. a second traffic card coupled to the primary control card and the secondary control card.
- (Previously Presented) The device of claim 12, wherein the clock control logic 15. comprises:

a phase adjuster;

cycle control logic coupled to the phase adjuster; and step pulse generator logic coupled to the cycle control logic.

(Previously Presented) An apparatus comprising: 16.

means for storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal;

means for framing data being outputted from the primary and the secondary memory; and means for adjusting the primary clock signal to adjust an occupancy of the primary memory.

- (Previously Presented) The apparatus of claim 16, further comprising: 17. means for generating a signal indicating that a phase adjustment of the primary clock signal is needed.
- (Previously Presented) The apparatus of claim 16, further comprising: 18. means for calibrating a phase adjuster for the primary clock signal.

- (Previously Presented) The method of claim 16, further comprising: 19. means for calculating a delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.
- (Previously Presented) The method of 16, further comprising: 20. means for adjusting the primary clock signal to adjust an occupancy of an egress memory.
- (Previously Presented) A machine readable medium, having instruction stored therein, 21. which when executed cause a computer to perform a set of operations comprising:

storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal; framing data being outputted from the primary and the secondary memory; and adjusting the primary clock signal to adjust an occupancy of the primary memory.

(Previously Presented) The machine readable medium of claim 21, having further 22. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

generating a signal indicating that a phase adjustment of the primary clock signal is needed.

(Previously Presented) The machine readable medium of claim 21, having further 23. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

calibrating a phase adjuster for the primary clock signal.

(Previously Presented) The machine readable medium of claim 21, having further 24. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

calculating the delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.

(Previously Presented) The machine readable medium of claim 21, wherein the primary 25. memory is a memory that is currently in use for transmitting a frame, and

wherein the secondary memory is a memory that is not in use for transmitting a frame.

(New) An apparatus comprising: 26.

a traffic card including,

a first and second ingress FIFO to be coupled to respectively receive both data and a clock signal from a first and second control card;

a first and second deframer respectively coupled to said first and second ingress FIFOs:

an aligner coupled to said first and second FIFO to keep the occupancy of data therein in sync based upon detected differences in alignment of data being received by the first and second deframers:

a clock control logic to receive the clock signal from each of said first and second control cards, to exchange with a PLL a first clock signal for a PLL adjusted clock signal, and to provide said PLL adjusted clock signal to said aligner, said first ingress FIFO, and said second ingress FIFO, said clock control logic including,

a phrase adjuster to provide said first clock signal based on a currently selected one of the clock signals from said first and second control cards.

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REMARKS

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In response to the above identified Office Action, the applicants amend claims 2, 8, 11 and 12. The applicants add claim 26. No claims have been canceled. Accordingly, claims 2-26 are pending in the application.

I. Objections to the Specification

The Examiner has objected to the title of the application, stating that the title of the invention is not descriptive. The applicants believe that the title describes an embodiment of the invention presented in the application. The applicants request clarification as to what aspects of the invention must be described by the title. Accordingly, reconsideration and withdrawal of the objection to the title is requested.

II. Objections to the Claims

The Examiner has objected to claims 2, 8 and 12 stating that these claims include informalities. The applicants have amended each of these claims to correct the informalities noted by the Examiner. Accordingly, reconsideration and withdrawal of the objection to these claims are requested.

III. Claims Rejected Under 35 U.S.C. § 112, second paragraph

Claim 11 has been rejected under 35 U.S.C. § 112, second paragraph, for including a limitation without proper antecedent basis. The applicants have amended claim 11 to depend from claim 10 to provide proper antecedent basis for "the phase adjuster." Accordingly, reconsideration and withdrawal of the indefiniteness rejection of claim 11 are requested.

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Claims Provisionally Rejected on the Ground of Non-Statutory Obviousness Type IV. Double Patenting

The Examiner has rejected claims 2-25, provisionally, as being unpatentable over claims 1-25 of copending Application No. 10/402,481. The applicants hold in abeyance any response to this provisional double patenting rejection until such time as it becomes non-provisional.

Claims Rejected Under 35 U.S.C. § 102 ٧.

Claims 8 and 12 stand rejected under 35 U.S.C. § 102, as being anticipated by U.S. Patent No. 6,982,993 issued to Claveloux et al (hereinafter "Claveloux").

To establish anticipation, the Examiner must show that a single reference teaches each of the elements of a claim. Claims 8 and 12, as amended, include the elements of "a clock control logic circuit coupled to the primary memory and secondary memory to adjust a primary clock signal to synchronize an occupancy of the primary memory and the secondary memory." The applicants have reviewed Claveloux, but have been unable to discern any part therein that teaches these elements of claims 8 and 12. Accordingly, reconsideration and withdrawal of the anticipation rejection of claims 8 and 12 are requested.

Allowable Subject Matter VI.

The Examiner has not set forth any basis for rejecting claims 2-7, 9-11 and 13-25 other that the provisional double patenting rejection. Thus, the applicants note with appreciation that the Examiner implies that these claims contain allowable subject matter. Because the only basis of rejection is provision, applicants believe that these claims are in condition for allowance.

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CONCLUSION

In view of the foregoing, it is believed that all claims now pending, namely claims 2-26, patentably define the subject invention over the prior art of record, and are in condition for allowance and such action is earnestly solicited at the earliest possible date. If the Examiner believes that a telephone conference would be useful in moving the application forward to allowance, the Examiner is encouraged to contact the undersigned at (310) 207 3800.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

12400 Wilshire Blvd. Seventh Floor Los Angeles, California 90025 (310) 207-3800

Jonathan S. Miller, Reg. No. 48,534

CERTIFICATE OF MAILING:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 3-2-46.

Alexandria, VA 22313-3450, on